IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

KISHORE CHAKRAVORTY, et al.

Group Art Unit:

Appln. No.:

Examiner:

Filed: May 6, 2004

Atty Dkt <u>81674/309552</u> C# M#

Title: A FLIP-CHIP PACKAGE INTEGRATING OPTICAL AND ELECTRICAL DEVICES AND COUPLING TO A WAVEGUIDE ON A BOARD

Date: May 6, 2004

INFORMATION DISCLOSURE STATEMENT

Attached is Form PTO-1449 listing the enclosed

This IDS is being filed within 3 months of the filing date of this application, and hence this IDS must be considered per Rule 97(b)(1).

This IDS is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, <u>prompt</u> notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Respectfully submitted,

PILLSBURY WINTHROP LLP

Roger R. Wise, Reg. No 31204

Tel. No. (213) 488-7584 Fax No. (213) 629-1033

725 South Figueroa Street, Suite 2800 Los Angeles, CA 90017-5406 (213) 488-7100

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449)								Atty. Dkt. No.	Mŧ	# ·			Client	Ref.		
		rademark Office			3 1											
									30	9552			8167	4		
INFORM BY APPL		N DISCLOSU	RE ST	ATEN	/ENT			Applicant		CHAKRAVORT	Y, et		12.73.			
D. A		••						Appln. No	D.:	· · · · · · · · · · · · · · · · · · ·						
										May 7, 2004	····					
Date: May	6 20	004	Page	1	of	1	٦	Examine		May 7, 2004	Gro	חום	nit:			
		OCUMENTS		<u>1. '</u>	1	<u> </u>		<u></u>			10.0	СР				
Examiner'		Document		Date		Name					Clas		Sub		Filing	
s		Number		MM/YYYY			Vame	of First Inventor)			Olas	.3	Class	3	Date	
Initials*						(100	0111101111	• • • •	,					(if approp	riate)
	AR	5,337,397		08-0	9-94	Lebby et	al.									
	BR	5,394,490		02-28-95		Kato et a										
	CR	5,521,992		05-28-96		Chun et	al.									
	DR	5,600,741		02-04-97		Hauer et										
	ER	5,625,734		04-29-97		Thomas							-			
	FR	5,696,862		12-09-97		Hauer et										
	GR	5,761,350		06-02-98		Koh			 							
	HR	5,831,699		11-03-98		Wright et al.										
	IR	6,389,202		05-14-02		Delpiano et al.										
	JR	6,450,699		09-17-02		Murali et										
	KR	6,477,296		11-05-02		Ogawa										
	LR	6,527,457		03-04-03		Chan et al.										
	MR															
	NR															
FOREIGN	IPAT	ENT DOCUME	NTS	-	·· · · · · · · · · · · · · · · · · · ·	<u> </u>						Eng	glish		Translat	ion
	T	Document	Date	· · · · · · · · · · · · · · · · · · ·		untry Inve		ntor Name			Abstract			Readily Available	_	
		Number	1											Available		
												Enclosed		No	Enclose	No
	OR			• •												
	PR															
	QR															
	RR															Γ
	SR															
	TR															
	UR															
	VR															<u>L</u>
	WR															
	XR															
OTHER (I	nclud	ing in this order	Author,	Title,	Period	lical Name	e, Dat	e, Pertiner	nt P	ages, etc.)						Ĩ
	YR							·								
	ZR															
	AAR									-						
	BBR															
	CCR															
	DDR															
Examiner								Date Con	sid	ered:						
*EXAMINE		Initial if citation of										w li	ne thr	ough	citation	if
not in confo	orman	ce and not consid	ered. In	clude d	copy of	this form w	vith ne	xt communi	icati	ion to Applicant.						

FORM PTO								Atty.	М#				Client	Ref.		
	-	nent of Commerce	8					Dkt. No.								
(PW FORM		1449) rademark Office														
Patent	and I	rademark Office														
					309	9552			8167	4						
INFORMA BY APPL		N DISCLOSU	Applicant: CHAKRAVORTY, et al.													
		••	Appln. No.:													
			Filing Date: May 7, 2004													
Date: May	6, 20	04	1	Examiner	up	Art Ur										
		OCUMENTS	 							-						
Examiner' Document		Date			Name		······			Class S		Sub		Filing		
s		Number		MM/YYYY			Name	of First Inventor)					Class		Date	
Initials*						<u> </u>									(if approp	riate
	AR	5,337,397		08-09	9-94	Lebby et	al.									
	BR	5,394,490				Kato et a	ıl.									
	CR	5,521,992		05-28-96		Chun et	al.									
	DR 5,600,741		02-04-97		Hauer et al.					1						
	ER	5,625,734	6,862 1,350		9-97	Thomas et al.					<u> </u>					
	FR_	5,696,862			9-97	Hauer et al.					<u> </u>				<u> </u>	
		5,761,350			2-98	Koh					<u> </u>		<u></u>			
HR 5,831,699		ĭ '		11-03-98		Wright et al.					1		ļ		 	
	IR	6,389,202		05-14-02		Delpiano et al.					-		ļ		ļ	
	JR_	6,450,699		1		Murali et										
	KR	6,477,296	.	11-05-02		Ogawa							<u> </u>		 	
	LR	6,527,457		03-04-03		Chan et al.				 				 		
	MR			ļ		<u> </u>					-		 		<u> </u>	
	NR	<u> </u>			<u> </u>							T_	<u> </u>			
FOREIGN	PAT	ENT DOCUME!									English Abstract			Translatior Readily		
		Document	Date	Cour		ntry Inve		ntor Name				Enclosed No			Available	
		Number	101101/1											l	Enclose No	
	00						-					Em	aosea	140	Enclose	120
	OR				+			······				╁╌			<u> </u>	╀
	PR						-					╁		-	<u> </u>	╀
	QR RR	 	 	-	-		-					╁			+	╀
	SR	-	<u> </u>		 		\vdash					+			 	+
	TR	 			 						-	╁╴			 	╁╴
	UR		<u> </u>		 		 					\vdash		 		十
	VR						1					\dagger			 	十
	WR				1							T			 	十
	XR	<u> </u>				· · · · · · · · · · · · · · · · · · ·						T			1	T
OTHER (I		ing in this order	Author	Title	Period	lical Name	- Dat	e Pertiner	nt Pa	ages etc.)		十		<u> </u>	1	十
OTTICK (II	YR		Additor,	1100,	1 01100	noai itaini	, Dat	o, r cranci		ages, etc. <i>j</i>	-	1			1	
	ZR											╁		-	<u> </u>	†
	AAR											╁┈				\vdash
	BBR											T				T
	CCR	 										1				T
	DDR	 										Γ	-			T
Examiner								Date Con	side	ered:	.; *	•				
*EXAMINE	R:	Initial if citation of	onsidere	ed. whe	ether o	not citatio	n is in	·			9 Dra	w li	ne thre	uah	citation	if
		ce and not consid	ered. In	lude c	opy of	this form w	ith ne	xt communi	catio	on to Applicant.		110		-9.1		